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# Makin- Kelsey Heating

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W. W. Alexander's Residence  
Germantown, Philadelphia, Pa.  
Horace Trumbauer, Architect

*No. 27 Generator*

## Kelsey Warm Air Generators

Let us prove to you that the right way,  
the most economical and healthful way  
to heat and ventilate any house, with  
from 5 to 75 rooms, is by the Kelsey  
Fresh Air System.

**THE MAKIN HEATING CO.**

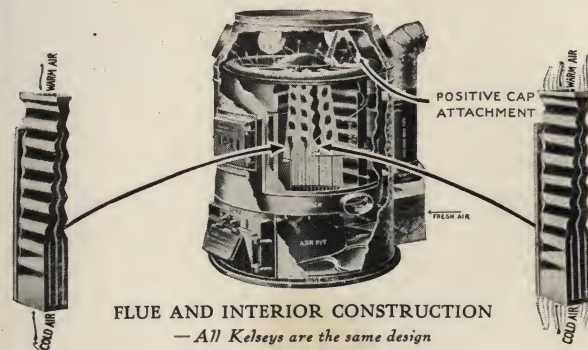
6 & 8 North 18th Street, PHILADELPHIA, PA.

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## MAKIN-KELSEY WARM AIR HEATING

### —Zig-Zag Heat Tubes



**T**HE KELSEY warms fresh air by the best method, by sending in separate currents up through the cast iron *Zig-Zag Heat Tubes* which surround the fire and form the fire cylinder and combustion chamber.

The heat tubes are in contact with, and overhang the fire, and are heated on all sides by conduction, by radiation, and by the burning gases,—all the heat being utilized to the utmost.

Each heat tube has *eight square feet of heating surface*, and there are from *eight to sixteen* in each heater, according to its size and capacity.

*This construction gives the Kelsey more than double the weight and heating surfaces of ordinary furnaces with same size grate.*

A Kelsey Generator, therefore, with *much less fuel*, will warm just as much air as any furnace, or with the same amount of fuel will warm much greater volumes of air.

## MAKIN-KELSEY WARM AIR HEATING

### —Positive in Results



Dr. J. Frederick Herbert's Residence  
Ogontz, Pa.

No. 24 Generator

**A**LL DETAILS about the weight and heating surfaces, etc., of each size Kelsey are published in our booklet, which will be sent on request.

Particulars of this kind are not published about furnaces, and an investigation and comparison with the Kelsey should be made, in order to fully understand the *good reasons for the Kelsey efficiency, economy and general superiority.*

With any fire the air passing through the heat tubes must be warmed, and, because the quantity of warm air increases in proportion to the heat, it is never scorched or overheated.

The warm air currents are forced out through the nearest heat conducting pipes, and an even, uniform temperature is insured all through the house.

## MAKIN-KELSEY WARM AIR HEATING

### —Saves Fuel



Joel Cadbury's Residence  
Moorestown, N. J.

No. 30 Generator

### Better Than Steam or Hot Water

**P**HYSICIANS, scientists and people who investigate, all advocate *fresh air heating and ventilating* as necessary for the preservation of health.

In particular, they condemn heating systems which—like steam and hot water with radiators in the rooms—have no fresh air supply and simply heat and reheat the same air, which soon becomes foul and unfit to breathe.

### Makin-Kelsey Heating is Fresh Air Heating

and costs less to install, and less for fuel, management and repairs than any other system that will give anything like as good results.

## MAKIN-KELSEY FRESH AIR HEATING

### —Best For Health



J. Renwick Hogg's Residence  
Merion, Pa.

No. 30 Generator

### Distant Rooms Positively Heated

**D**ISTANT rooms or rooms exposed to the wind are positively heated by the Makin-Kelsey System of warm air heating. The zig-zag heat tubes form a battery of powerful heat generators, which deliver a large amount of heated air to all the heat pipes or flues. No other heater can heat this amount of air and send it in every direction.

### In Large Residences

where more than one Generator may be needed, the Battery System of placing two or more Generators under one dome casing has been demonstrated to be a most effective method.

During the spring or fall season, when only a moderate amount of heat is needed, it is supplied by one Generator, and during the winter months both Generators are used.

## MAKIN-KELSEY HEATING SYSTEMS

### —Are Easy to Operate



Dr. Carl Reed's Residence, Queen Lane Manor  
Germantown, Pa.

McGoodwin & Hawley, Architects

No. 21 Generator



H. B. Coles' Residence  
Moorestown, N. J.

No. 27 Generator



MAKIN-KELSEY HEATING

*—Durable and Efficient*



C. Hartman Kuhn's Residence  
Devon, Pa.  
Horace Trumbauer, Architect

*Three No. 30 Generators*



Samuel H. Austin's Residence  
3913 Chestnut Street, Philadelphia, Pa.  
Chas. B. Keen, Architect

*Three No. 30 Generators*

MAKIN-KELSEY HEATING

*—Means Home Comfort*



Chas. W. Welsh's Residence  
Oak Lane, Pa.  
Bailey & Bassett, Architects

*No. 30 Generator*



Dr. C. E. Ehinger's Residence  
West Chester, Pa.  
Price & McLanahan, Architects

*No. 27 Generator*

MAKIN-KELSEY SYSTEMS

*—Heat and Ventilate.*



H. M. Nathanson's Residence  
Rydal, Pa.  
Horace Trumbauer, Architect

*Two No. 30 Generators*



Harrison H. Landis' Residence  
Oak Lane, Pa.

*No. 24 Generator*

MAKIN-KELSEY HEATING SYSTEMS

*—Are Installed in the Largest and Finest Homes of Philadelphia and Suburbs.*



E. B. Smith's Residence  
306 South 19th Street, Philadelphia, Pa.  
Cope & Stewardson, Architects

*Two No. 30 Generators*

**No Dust or Coal Gas**

The construction of the Kelsey admits of it being made absolutely heater dust and gas tight. No ashes, dust or gas can get into the air chambers and thence into the house. Plants will thrive where the Makin-Kelsey System is installed.

**Send for Booklets**

so that you may know what the Makin-Kelsey System has accomplished in heating and ventilating large, fine residences in every section and let us give you estimates of cost for installing complete in your homes.



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